

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:18:49 ON 07 MAY 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 5 MAY 2002 HIGHEST RN 411206-65-0

DICTIONARY FILE UPDATES: 5 MAY 2002 HIGHEST RN 411206-65-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e polyquaternium 10/cn

E1	1	POLYQUAT D 17-1242/CN
E2	1	POLYQUATERNIUM 1/CN
E3	1 -->	POLYQUATERNIUM 10/CN
E4	1	POLYQUATERNIUM 11/CN
E5	1	POLYQUATERNIUM 12/CN
E6	1	POLYQUATERNIUM 13/CN
E7	1	POLYQUATERNIUM 14/CN
E8	1	POLYQUATERNIUM 15/CN
E9	1	POLYQUATERNIUM 16/CN
E10	1	POLYQUATERNIUM 17/CN
E11	1	POLYQUATERNIUM 18/CN
E12	1	POLYQUATERNIUM 19/CN

=> s e3

L1 1 "POLYQUATERNIUM 10"/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 81859-24-7 REGISTRY

CN Cellulose, 2-hydroxyethyl 2-[2-hydroxy-3-(trimethylammonio)propoxy]ethyl  
2-hydroxy-3-(trimethylammonio)propyl ether, chloride (9CI) (CA INDEX  
NAME)

OTHER NAMES:

CN Catinal HC 100

CN Catinal HC 35

CN Catinal LC 100

CN Celquat SC 230M

CN Celquat SC 240C

CN JR 1

CN JR 125

CN JR 30M

CN JR 400

Welcome to STN International! Enter x:x

LOGINID:ssspta1619lxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency  
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
NEWS 6 Mar 08 Gene Names now available in BIOSIS  
NEWS 7 Mar 22 TOXLIT no longer available  
NEWS 8 Mar 22 TRCTHERMO no longer available  
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/Caplus and USPATFULL  
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY  
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.  
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 14 Apr 09 ZDB will be removed from STN  
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:18:44 ON 07 MAY 2002

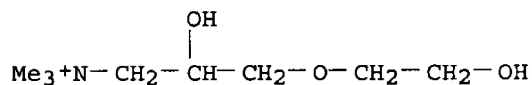
CN Leogard G  
 CN Leogard GP  
 CN Leogard LP  
 CN Leogard P  
 CN LR 300M  
 CN LR 400  
 CN Polymer JR 400  
 CN Polymer LR 30M  
 CN **Polyquaternium 10**  
 CN Quaternium 19  
 CN Ritaquat 3000  
 CN Ritaquat 400KG  
 CN Ucare JR 125  
 CN Ucare JR 400  
 CN UCARE Polymer JR  
 CN UCARE Polymer JR 125  
 CN UCARE Polymer JR 30  
 CN UCARE Polymer JR 30M  
 CN UCARE Polymer JR 400  
 CN UCARE Polymer JR 40M  
 CN UCARE Polymer KG 30M  
 CN UCARE Polymer LR  
 CN UCARE Polymer LR 30M  
 CN UCARE Polymer LR 400  
 CN UCARE Polymer SR 10  
 DR 163442-38-4, 53568-66-4, 125623-01-0, 56274-58-9, 55353-19-0, 55466-13-2,  
 55819-09-5, 138067-60-4, 86297-97-4, 82643-41-2, 88507-33-9, 200013-87-2,  
 209264-09-5, 214358-12-0  
 MF C8 H20 N O3 . x C6 H16 N O2 . x C2 H6 O2 . x Cl . x Unspecified  
 CI COM  
 PCT Manual registration  
 LC STN Files: BIOBUSINESS, BIOSIS, CA, CAPLUS, CEN, CHEMCATS, CHEMLIST,  
 CIN, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, PROMT, RTECS\*, TOXCENTER,  
 USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)

CM 1

CRN 170553-71-6  
 CMF C8 H20 N O3 . x C6 H16 N O2 . x C2 H6 O2 . x Unspecified

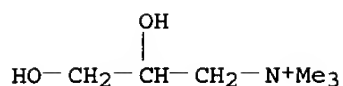
CM 2

CRN 170344-46-4  
 CMF C8 H20 N O3



CM 3

CRN 44814-66-6  
 CMF C6 H16 N O2



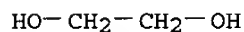
CM 4

CRN 9004-34-6  
CMF Unspecified  
CCI PMS, MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM 5

CRN 107-21-1  
CMF C2 H6 O2



668 REFERENCES IN FILE CA (1967 TO DATE)  
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
670 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.96	6.17

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 13:19:32 ON 07 MAY 2002

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
6383503.pn.	1

**Database:**

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

**Search:**

L25

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Tuesday, May 07, 2002   [Printable Copy](#)   [Create Case](#)

**Set Name Query**  
side by side**Hit C unt Set Name**  
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>L25</u>	6383503.pn.	1	<u>L25</u>
<u>L24</u>	(L23) and (I6)	16	<u>L24</u>
<u>L23</u>	(cationic polymer or cationic surfactant) near (conditioner or conditioning or condition)	155	<u>L23</u>
<u>L22</u>	(I20) and (cosmetic or 424/401.ccls.)	5	<u>L22</u>
<u>L21</u>	(L20) and (I14 or I1)	0	<u>L21</u>
<u>L20</u>	(cationic polymer or cationic surfactant) near (stable)	52	<u>L20</u>
<u>L19</u>	(I1 or I14) and L18	47	<u>L19</u>
<u>L18</u>	((424/401)!.CCLS. ) and L17	395	<u>L18</u>
<u>L17</u>	cationic and I6	3740	<u>L17</u>
<u>L16</u>	I14 same I6	5	<u>L16</u>
<u>L15</u>	L14 and (I2 or I3)	2	<u>L15</u>
<u>L14</u>	jr 1 or jr 125 or jr 30m or jr 400 or polymer jr 400 or polymer lr 30m or quaternium 19	575	<u>L14</u>
<u>L13</u>	5015469.pn.	2	<u>L13</u>
<u>L12</u>	((424/401)!.CCLS. ) and L11	4	<u>L12</u>
<u>L11</u>	I6 same L10	252	<u>L11</u>
<u>L10</u>	cationic surfactant or cationic polymer	26506	<u>L10</u>
<u>L9</u>	I6 same I8	10	<u>L9</u>
<u>L8</u>	(cationic cellulose or cationic starch or quaternized collagen or cationic silicone or cationic guar gum or polyquaternium 10 or polymer jr 400 or luviquat or merquat 550 or jaguar cbs or mirapol ad-1)	4318	<u>L8</u>
<u>L7</u>	I1 same L6	2	<u>L7</u>
<u>L6</u>	water in oil or w/o or water-in-oil	21654	<u>L6</u>
<u>L5</u>	(L4) and (I1) and (I3 or I2)	1	<u>L5</u>
<u>L4</u>	5653970.pn.	3	<u>L4</u>
<u>L3</u>	(arlacel p135)	27	<u>L3</u>
<u>L2</u>	(peg-30 dipolyhydroxystearate or decaglycerol heptaoleate or polyglyceryl-3 diisostearate or peg-8 distearate or diglycerol dipolyhydroxystearate)	110	<u>L2</u>
<u>L1</u>	(polyquaternium 10)	509	<u>L1</u>

END OF SEARCH HISTORY